

Title (en)

Antivibration device

Title (de)

Antivibrationsvorrichtung

Title (fr)

Dispositif anti-vibration

Publication

EP 2781786 B1 20160615 (EN)

Application

EP 14159662 A 20140313

Priority

JP 2013057421 A 20130320

Abstract (en)

[origin: EP2781786A1] [Problem to be Solved] To provide an antivibration device that can realize low dynamic spring characteristics in a high vibration region while securing a damping force in a low vibration region. [Solution] In the case where a load input in the axial direction of a coupling member is a predetermined value or smaller, the dynamic spring constant of a first bush 10 is set larger than that of a second bush 20, and the loss factor of the second bush 20 is set larger than that of the first bush 10. On the other hand, in the case where the load input in the axial direction of the coupling member 30 exceeds the predetermined value, the dynamic spring constant of the first bush 10 is set smaller than that of the second bush 20. A damping force can be secured by the second bush 20 relative to vibration in a low frequency in which the load is the predetermined value or smaller, and low dynamic spring characteristics can be realized by the first bush 10 relative to vibration in a high frequency in which the load exceeds the predetermined value.

IPC 8 full level

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CPC (source: EP US)

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